



**U.S. Department of Labor**  
Occupational Safety & Health Administration

[www.osha.gov](http://www.osha.gov)

Search

Advanced Search A-Z Index



Directorate of Science, Technology and Medicine  
(DSTM)

June 23, 2003

Directorate of  
Science, Technology  
and Medicine

**Salt Lake Technical Center (SLTC)**

Jimmy Roberts  
Director

Keith Motley  
Deputy



*"The SLTC offers Integrated Solutions to Agency Problems"*

- To conduct extensive analyses, test, and studies of workplaces to evaluate compliance with OSHA regulations and/or the existence of hazards.
- To develop and manage the OSHA Technical Links for the agency and other users.
- To manage agency mandated certification of clinical testing laboratories.
- To provide emergency field response to Regional and Area Offices.
- To serve as the Agency experts and provide technical support in the areas listed above to all customers, as appropriate.
- To provide integrated solutions to Agency problems using personnel well-versed in chemistry, engineering, computer science, and industrial hygiene.

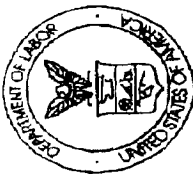
USDOL/OSHA/SLTC  
1781 South 300 West  
Salt Lake City, UT 84115-1802  
(801)524-7900

Revised: 05 May 2003

*ATTN: Reception* *Analytical Lab*

# U.S. Department of Labor

Occupational Safety and Health Administration  
Suite B-12  
3939 West Ridge Road  
Erie, PA 16506  
(814) 833-5758



Establishment Name: Federal Correctional Institution, McKean, Lewis Run, PA/UNICOR Factory						
Job Title and/or Operation(s)	Contaminant(s) Sampled	Exposure(s) mg/m <sup>3</sup> ppm noise	PEL mg/m <sup>3</sup> ppm noise	%PEL (Exposure divided by PEL X 100 = %)	Date Sampled	Comments
Saw Operator	Respirable Silica	None detected	Not Determined	Not Applicable	6/17/03	Work practices produce the most dust exposure. Controls cut of product
Saw Operator	Total Particulate	0.54	15.00	3.6%	6/17/03	Good respirator use
Feeder Operator	Respirable Silica	None detected	Not Determined	Not Applicable	6/17/03	Good respirator use
Feeder Operator	Total Particulate	1.1	15.00	7.6%	6/17/03	Good respirator use
Area Sample	Synthetic Vitreous Fiber (SVF)	Fibers/CC None Detected	3 Fibers/CC REL (NIOSH) 15.00*	Not Applicable	6/17/03	Area Sample Above Panel Saw. Four Samples Taken
Bulk Samples	SVF, Silica	30% SVF 20% Silica	Not Applicable	Not Applicable	6/17/03 6/18/03	Settled Dust at Processes
Router and Shaper Operation	Silica	None Detected	Not Determined	Not Applicable	6/18/03	Lower Band of Respirator was not attached.
Router and Shaper Operation	Total Particulate	1.50	15.00	10.3%	6/18/03	Good respirator use
Area Sample	Synthetic Vitreous Fibers	None Detected	3 Fibers/CC REL (NIOSH) 15.00*	Not Applicable	6/18/03	Sample taken above router. Two Samples Taken

PEL = Permissible Exposure Limit, AL = Action Level (usually half of the PEL), TWA = Time Weighted Average (an 8hr exposure); STEL = Short Term Exposure Limit (15 Min); C = Ceiling (value that can never be exceeded)

\* Regulated as a nuisance dust, REL (Recommended Exposure Limit)